

ZELENA, J.

ZELENA, J.; HNIK, P.

Muscle Atrophy in Young rats, *Physiol. bohém.* 6 no.2:193-199 1957.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

(MUSCLES, dis.

exper. atrophy after denervation in rats)

(NERVOUS SYSTEM, physiol.

eff. of denervation on musc. atrophy in rats)

GUTMANN, E.; VODICKA, Z.; ZELENA, J.

Modifications in the striated nerve following section of the nerve and their relation to the conditions in the peripheral nerve stump. Cesk. fysiол. 4 no.2:181-185 May 55.

1. Fysiologicky ustav Cs. akademie ved, Praha.  
(MUSCLES, metabolism,  
glycogen, eff. of nerve section)  
(GLYCOGEN, metabolism,  
musc., eff. of nerve section)

KUBISTA, V.; ZELENA, J.

Course of nerve ending degeneration in insect muscles. Cesk. fysiол.  
7 no.5:498 Sept 58.

1. Fysiologicky ustav Csav, Praha.

(INTESTINES,

musc. nerve endings degen. in insects (Cz))

(NERVE ENDINGS,

same)

ZELENA, J.; LUBINSKA, L.

Early changes of acetylcholinesterase activity near the lesion  
in crushed nerves. *Physiol. Bohemoslov.* 11 no.4:261-268 '62.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague  
and Nencki Institute of Experimental Biology, Warsaw.  
(ACETYLCHOLINESTERASE) (PERIPHERAL NERVES)

ZELENA, J.

Development of muscle receptors after tenotomy. *Physiol. bohemoslov.*  
12 no.1:30-36 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.  
(TENDONS) (MUSCLES)

ZELENA, J.; HNIK, P.

Muscles without the spindles. Cesk.fysiol. 9 no.3:279 Wz '60.

1. Fysiologicky ustav CSAV, Praha  
(MUSCLES anat & histol.)

BERANEK, R.; HNIK, P.; VYKLICKY, L.; ZELENÁ, J.

Facilitation of the monosynaptic reflex due to long-term tenotomy.  
Physiol Bohemoslov 10 no.6:543-552 '61.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.  
(TENDONS physiol) (REFLEX)

CERNY, C.; HABES, M.; ZELENA, M.; ERDOS, E.

Equilibrium of reduction of tungsten (IV)-sulfide by means of  
hydrogen at medium temperatures. Call Cz chem 25 no.12:  
3836-3843 '59. (EPAI 9:6)

1. Institut für physikalische Chemie, Tschechoslowakische  
Akademie der Wissenschaften, Prag.  
(Tungsten sulfides) (Hydrogen)



ZELONA, M.; BERNARD, J.

"Berthierite from Grunta Near Kutna Hora and from Poproec", P. 161,  
(SBORNIK, ODDIL GEOLOGICKY, Vol. 20, 1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3,  
Mar 1955, Uncl.

**"APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001964220015-1**

**APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001964220015-1"**

SEREYSKIY, M.Ya.;ZELENA, M.S.;LANDO, L.I.

Treatment of schizophrenia with prolonged sleep; preliminary communication. Zh. nevropat. psikiat., Moskva 53 no.10:775-784 Oct 1953.

(CLML 25:4)

1. Institute of Psychiatry of the Ministry of Public Health RSFSR and Clinical Psychiatric Hospital imeni P. B. Gannushkin.

ZELENA, S.

Furnaces of boilers for liquid slag. p. 281.  
(ENERGOETIKA. Vol. 10, no. 6, Nov./Dec. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ZELENA, S.

ZELENA, S. Three accidents with steam superheaters. p. 161

Vol. 10, no. 3, May/June 1956

ENERGETYKA

POLITICAL SCIENCE

Warszawa, Poland

So: East European Accession Vol. 4, No. 3, March 1957

ZELENA, S.

Conditions of controlling superheated steam temperature in high-pressure boilers. p. 149

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stwarzyszenie Elektrykow  
Polskich) Bytom, Poland. Vol. 13, no. 6, June 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959  
Uncl.

ZELENA, S.

Spherical Containers, p. 262.

PRZEGLAD MECHANICZNY (Stowarzyszenie Inzynierow i Technikow Mechanikow  
Polskich)

Warszawa, Poland

Vol. 18, no. 9, May 1959.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,  
November 1959

Uncl.

ZELENAK, I.; KONA, E.; Institute of Experimental Biology, Slovak Academy of Sciences, and Institute of Pathological Physiology, Veterinary Faculty (Ustav Experimentalnej Biologie SAV a Ustav Patologickej Fyziologie Vet. Fak.), Kosice.

"Utilization of Acetate and Its Influence on Non-Esterified Fatty Acids and Acetone Containing Substances in the Blood of Sheep Fed Varying Diets."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 393 - 394

Abstract: The nature of the fodder influences the utilization of acetates. Acetate reduces the level of NEFA in the plasma. Sheep receiving only liquid diet show a slower acetate utilization than those fed a solid diet. Acetate induces a temporary decrease of the content of NEFA and a temporary increase of acetone substances in the blood. The level of glucose did not change. Adrenalin increased the glucose level in all the animals, and the NEFA level only in those fed a solid diet. It did not influence the content of acetonc substances. 4 Western references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 8 Dec 65.

1/1

- 108 -



LUKACI, J; ZELENAK, P.

CZECHOSLOVAKIA

Chair of Parasitic Medicine, Faculty of Medicine,  
P.J. Safarik University (Katedra sudeho lekarstva  
Lekarskej fakulty University P.J.Safarika), Kosi-  
ciach - (for both).

Bratislava, Lekarsky obzor, No 6, June 1965, pp 357-  
361.

"Contribution to the problem of drunk drivers in  
traffic."

SIMKO, S.; REHAK, R.; BALOGH, G.; BIELEK, Z.; JUHAS, Z.; ZELENAK, P.

Remarks on experimental homoplasty of the aortic valve. Rozhl.  
chir. 44 no.7:441-446 J1 '65.

1. Chirurgické oddelenie Vojenskej nemocnice v Kosiciach  
(veduci MUDr. S. Simko, CSc.).

SCHEIDA, N.; SZABO, T.; AHLERS, I.; LUKACI, J.; ZELENAK, P.

Acute renal failure in sunstroke. Cas. lek. cesk. 104 no.37:  
1012-1016 17 S '65.

1. Hemodialyzacna stanica pri internom oddelenie Vojenskej  
nemocnice v Kosiciach (nacelnik MUDr. J. Matejka), Ustav  
pre sudne lekarstvo Lekarskej fakulty Univerzity P.J. Safarika  
v Kosiciach (prednosta prof. J. Lukaci) a Chirurgicke oddelenie  
Vojenskej nemocnice v Kosiciach (nacelnik MUDr. S. Simko, CSc.).

CZECHOSLOVAKIA

ZELENÁKOVÁ, Eva; HAJDUK, Juraj; HOLUB, Zdenek; Institute of Rural Biology, Slovak Academy of Sciences, Department of the Influence of Industrial Wastes on Biocenogenesis (Ustav Biologie Krajiny Slovenskej Akademie Vied, Oddelenie Vplyvu Exhalatov na Biocenesy), Bratislava.

"Content of Magnesium and of Other Elements in *Agropyrum Repens* P. Beauv., *Secale Cereale* L., and *Triticum Aestivum* L., Subjected to the Action of Wastes from Treatment of Magnesite."

Bratislava, Biologia, Vol 21, No 5, 1966, pp 365 - 375

Abstract: The influence of Mg, Ca, Na, K, and P on *Agropyrum repens*, *Triticum aestivum*, and *Secale cereale* was investigated in an area where the soil pH was 6.5-9.4 and the Ca:Mg ratio 0.12 to 0.48 : 1. Wheat is sensitive to high Mg content; the other two plants tolerate Mg well. High contents of Mg decrease the content of P in the plant. Plants that have a narrow range of the ratio Ca:Mg tolerate high amounts of Mg better than plants where the range of the ratio is wider. 1 Figure, 2 Tables, 19 Western, 6 Czech, 9 Russian, 3 East German references. (Manuscript received 18 Oct 65).

1/1

MITTERMAYER, T.; SCHEIDOVA, L.; TARABCAK, M.; MILOSOVICOVA, A.; ZELENAKOVA, V.

Epidemic of Q fever in the Kosice region. Bratisl. lek. listy  
44 no.5:288-295 '64.

1. Infekcne oddelenie Fakultnej nemocnice v Kosiciach (veduci:  
prim. MUDr. T.Mittermayer), a Krajska hygienocko-epidemiologic-  
ka stanica v Kosiciach (riaditel' MUDr.I.Kratochvil).

\*

PASTERNAK, Antoni; ZELENAY, Krystyna

Separation of trace quantities of radioisotopes. Nukleonika  
7 no.1:52-53 '62.

1. Instytut Badan Jadrowych PAN, Warszawa, Zaklad Technologii  
Izotopow Promieniotworczych i Zwiaskow Znaczonych

CHOMICKI, Oskar; GOROWSKI, Tadeusz; ZELENAY, Tadeusz

Preparation of iodine-132 and its attempted use for the 3-hour thyroid iodine uptake test. Pol. tyg. lek. 18 no.34:1249-1251 19 Ag 1963.

1. Z Zakladu Izotopow I Katedry Chorob Wewnetrznych Studium Doskonalenia Lekarzy AM w Warszawie; kierownik: prof. dr W. Hartwig oraz z XIII Zakladu Instytutu Badan Jadrowych; kierownik: mgr inz. R. Plejewski.

(IODINE ISOTOPES, DIAGNOSTIC)  
(THYROID FUNCTION TESTS)

KOTLYARSKIY, L.B.; ZELENAYA, A.V.; KISHINEVSKAYA, Z.M.; ZELENYY, A.G.

Application of ultrasonic waves in the manufacture of paint materials. Lakokras. mat. i ikh prim. no.5:51-57 '63.  
(MIRA 16:11)

1. Proyektno-konstruktorskiy institut soveta narodnogo khozyaystva Moldavskoy SSR i lakokrasochnyy zavod "Krasnaya zvezda".



KAMZOLKIN, V.V.; BASHKIROV, A.N.; SOKOVA, K.M.; ANDREYEVA, T.P.; ZELENAYA, G.A.

Concerning the position of hydroxyl groups in the cyclododecanediols formed in the liquid-phase oxidation of cyclododecane in the presence of boric acid. Neftekhimia 4 no.4:598-602 JI-Ag '62.

(MIRA 17:10)

1. Institut neftekhimicheskogo sinteza im. A.V. Topchiyeva AN SSSR.

ZELENAYA, Sh.A.; PANTELEY, T.I.; KOSTENKO, O.F.

Analysis of the reaction mixture obtained in the synthesis of  
amides. Zav. lab. 30 no.9:1077 '64. (MIRA 18:3)

1. Volgodonskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
i proyektного instituta sinteticheskikh zhirozameniteley.

ZELENAYA, S. N.; RUBTSOVA, L. M.; VASIL'EV, L. V.

"The Bacteriological Characteristics of Dysentery in Young Children in the City of Frunze," Trudy Instituta Epidemiologii i Mikrobiologii Ministerstva Zdravookhraneniya Kirgizskoy SSR, Frunze, Vol 1, 1951, pp 13, 14.

(1952)?

ZELENAYA, S. N., Cand Med Sci -- (diss) "Microbiological characteristics of difficultly diagnosed forms of acute dysentery in adults." Frunze, 1958. 16 pp (Kirgiz State Med Inst), 210 copies (KL, 15-58, 118)

-77-

S/081/62/000/024/009/073  
B108/B186

AUTHOR: Zelenay, Tadeusz

TITLE: The use of isotopes in chemical engineering

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 82, abstract  
24B571 (Pierwsze krajowe sympoz. z zastosowań izotopów techn.,  
Rogów, 8 - 12 czer., 1960. Warszawa, no. 52, 1961 [Pol.;  
summaries in Russ. and Eng.] )

TEXT: General principles for the application of radioactive tracer methods  
are presented. Problems of the production of radioactive preparations are  
discussed. Examples of the use of tagged atoms in studying chemical reac-  
tions are given. [Abstracter's note: Complete translation.]

Card 1/1

ZELENBERG, S.G.

Wedge-shaped semiautomatic grabs for assembling large wall blocks.  
Mekh. stroi. 17 no.11:17-18 N '60. (MIRA 13:11)  
(Hoisting machinery)

ZELINBERG, S.G.

Wedge-shaped grab for transporting brick piles without using trays.  
Suggested by S.G.Zelenberg. Rats. i izobr. predl. v stroi. no.15:  
57-60 '60. (MIRA 13:9)

1. Po materialam tresta No.17 Ministerstva stroitel'stva USSR,  
Dneprostrovska.

(Bricks--Transportation)

ZELENBERG, S.G.

Grabs for lifting sawed lumber. Rats. 1 izabr. predl. v strei. no.117:  
13-15 '55. (MLRA 9:7)  
(Lumber--Transportation) (Lifting and carrying)



1. Zelenchuk, I.P.
2. USSR (600)
4. Hospitals, Psychiatric
7. Theoretical and practical considerations in the planning of modern psycho-neurological hospitals. Zhur. nerv. i psikh. 52 no. 11, 1952.
9. Monthly List of Russian Accessions. Library of Congress, March 1953, Unclassified.

ZELENCHUK, T.K.

Data on essential-oil flora of the western provinces of the  
Ukrainian S.S.R. Bot.zhur.[Ukr.] 12 no.2:17-28 '55.

(MLRA 8:10)

1. L'vivs'kiy veterinarno-zootekhnikheniy institut  
(Ukraine--Botany) (Essences and essential oils)

ZELENCHUK, T.K.

Seed productivity in lowland meadow plants under conditions prevailing in Lvov Province. Ukr.bot.zhur. 18 no.4:91-99 '61.  
(MIRA 14:8)

1. L'vovskiy zooveterinarnyy institut, kafedra botaniki.  
(Lvov Province--Pastures and meadows) (Seed production)

ZELENCHUK, T.K.; GELEMEY, S.A. [Holomoi, S.O.]

Germination of the seeds of meadow grasses and legumes in a laboratory. Ukr. bot. zhur. 20 no.4:37-47 '63. (MIRA 17:4)

1. L'vovskiy zooveterinarnyy institut, kafedra botaniki.

ZELENCHUK, T.K.

Germination of some wild meadow grass seeds. Ukr.bot.zhur.13  
no.4:20-27 '56. (MIRA 10:1)

1. L'vovs'kiy zooveterinarniy institut, kafedra botaniki.  
(Dublyany region--Grasses) (Germination)

ZELENCHUK, T.K.

Dynamics of the abundance of seedlings and the low cover in the  
lowland meadows of western provinces of the Ukraine. Biol. MOIP.  
Otd. biol. 69 no.1:59-73 Ja-P '64. (MIRA 17:4)

ZELENOCHUK, T.K. Cand Bio Sci (diss) "Renewal of meadow grasses by  
seeding in the Dublyansk valley of the Lvov oblast," Kiev, 1960, 19 pp  
(Institute of Botomy, AS Uk SSR)  
(KL, 40-60- 121)

ZELENCHUK, T.K.

Amount of viable seeds in peaty meadow soils of L'vov Province.  
'Biol. MOIP. Otd. biol. 66 no.3:77-92 My-Je '61. (MIRA 14:6)  
(L'VOV PROVINCE--SOILS--ANALYSIS) (SEEDS)



ZELENCHUK, T.K.

Young growth of seedlings and conditions governing their sprouting and establishment or failure on the turfy *Molinia* and *Deschampsia* type meadows of Lvov Province. Ukr.bot.zhur. 14 no.3:68-77 '57.  
(MIRA 10:10)

1.L'vivs'kiy zooveterinarniy institut.  
(Lvov Province--Pastures and meadows)

ZELENCHUK, T.K., GELEMEY, S.A. [Helemei, S.O.]

Duration of the germinating ability in the seeds of meadow grasses  
and legumes under laboratory conditions. Ukr. bot. zhur. 22 no.3:  
44-51 '65. (MIRA 18:7)

1. L'vovskiy zootekhnicheskiiy veterinarnyy institut.

ZELECHUK V.

SALMANOVICH, M.; ZELENCHUK, V.

Ethnological literature about Moldavians. Sov.etn. no.3:137-143  
'54. (MIRA 7:11)

(Moldavians)

ZELEENCHUK, Ye.; SITLOVYY, I.

Increase the efficiency of motortrucks used for sugar-beet transportation. Avt. transp. 36 no.9:16-17 S '58. (MIRA 11:10)

1. Ministerstvo avtomobil'nogo transporta i shosseynykh dorog USSR.  
(Sugar beets---Transportation)

ZELENCHUK, Ye.

Work scheduling for truck fleets in virgin and idle lands. Avt.  
transp. 33 no.1:6-8 Ja'55. (MLRA 8:3)

1. Glavnyy inzhener Ukrainskogo upravleniya "Soyuzzagottrans".  
(Transportation, Automotive--Kazakhstan)

**ZELENCHUK, Ye.; SITLIVYY, I.**

Means of minor mechanization used in transportation of farm  
produce. Avt.transp. 35 no.9:6-7 S '57. (MIRA 10:10)

1.Ministerstvo avtomobil'nogo transporta i shosseynykh dorog USSR.  
(Farm produce--Transportation)

ZELENCHUK, Ye.V. [Zelenchuk, YE.V.], inzh.; SITLIVYI, I.D. [Sytlyvyi, I.D.],  
inzh.

Truck for cattle transportation, Mekh. sil', hos. 9 no.4:25-26  
Ap '58. (MIRA 11:5)  
(Motortrucks) (Cattle--Transportation)

ZELENGHIK, Yevgeniy Vasil'yevich; KISHCHINSKIY, Sergey Semenovich; KOROGODSKIY, Miron Vladimirovich; VASIL'YEV, N.S., redaktor; KOGAN, P.L., tekhnicheskiy redaktor

[Operations of truck columns far from regular bases; experience of leading automotive units of the Ministry of Automotive Transport and Highways of the Ukrainian S.S.R.] Rabota avtomobil'nykh kolonn v otryve ot postoyannykh baz; iz opyta peredovykh avtokhoziaistv Ministerstva avtomobil'nogo transporta i shosseinykh dorog USSR. Izd. 2-oe, perer. i dop. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 83 p.

(MIRA 9:10)

(Transportation, Automotive)



ZELENCHUK, YE. V.

H/5  
741.731  
.24

Uvelichniye sroka sluzhby akkumulyatornykh batarey (Prolonging the life of storage batteries, by) Ye. V. Zelenchuk (1 dr.) Kiyev, Gostekhzdat, USSR, 1953.

78 p. illus., diagrs.

"Literatura": p. (79).

**ZELECHUK, Ye.V.; ZEL'DES, L.M.; KOROGODSKIY, M.V.; HUDNITSKIY, A.,**  
redaktor: VUYEK, M., tekhnicheskiy redaktor.

[Prolonging the life of storage batteries] Uvelichenie sroka  
sluzhby akkumulatornykh batarei. Kiev, Gos. izd-vo tekhn. lit-ry  
USSR, 1953. 78 p. [Microfilm] (MLRA 8:2)  
(Storage batteries)

POLISHCHUK, Yu.N.; KORNIYENKO, T.P. [Kornilenko, T.P.]; ZELENCHUKOVA, T.G.  
[Zelenchukova, T.H.]; POLYAKOV, M.V.

Effect of a solid surface on the radiation-induced polymerization of  
vinyl compounds. Dop. AN URSR no.5:607-609 '64. (MIRA 17:6)

1. Predstavleno akademikom AN UkrSSR A.I.Brodskim [Brods'kyi, O.I.].

L 18438-66

ACC NR: AP6006390

SOURCE CODE: UR/0413/66/000/002/0119/0119

INVENTOR: Zelenen'kiy, V. P.

ORG: none

TITLE: A device for computing correlation functions. Class 42, No. 178181

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 119

TOPIC TAGS: computer component, correlation function, random process

ABSTRACT: This Author's Certificate introduces a device for computing correlation functions of continuous nonstationary random processes. The unit is based on a canonical representation and contains operational amplifiers, delay units and multipliers. In order to calculate variable coefficients in the representation chosen for the correlation function, the outputs of the multipliers are connected to the inputs of the operational amplifiers. The operational amplifiers are connected through inverter amplifiers to the delay units which make up a positive feedback circuit.

SUB CODE: 09/ SUBM DATE: 27Oct64.

Card 1/1 mc

UDC: 681.14

ZELENENKO, G.S.

Experience with the mobile DUE disinfection unit. Veterinariia  
32 no.6:72-73 Je '55. (MIRA 8:7)

1. Zaveduyushchiy Bel'tskey mezhrayennoy vetbaklaborateriyey Mol-  
davskey SSR.  
(MOLDAVIA--DISINFECTION AND DISINFECTANTS)

ZELENEKO, G., kand.veterinarnykh nauk

Kaliningrad Veterinary Research Station. Trudy VIEV 23:375-376 '59.  
(MIRA 13:10)

(Kaliningrad--Veterinary research)

USSR/Medicine - Veterinary

FD-475

Card 1/1 : Pub. 137 -16/24

Author : Zelenenko, G. S., Veterinary Physician

Title : Summer diseases in lambs

Periodical : Veterinariya, 7, 43-44, Jul 54

Abstract : Success in feeding farm animals must be based on knowledge and understanding of conditions under which summer diseases occur among them. Pregnant sheep fed on vitamin-A-deficient diet will give birth to weak offspring. Newborn lambs, fed colostrum from sheep deficient in vitamins may contract avitaminosis. The author of this article suggests that pregnant sheep be fed properly, particularly during the second period of pregnancy, if incidence of summer diseases in their offspring is to be avoided. Timely administration of sulfa drugs, antibiotics, and cardiac preparations can give positive results.

Institution : Bel'tskiy Interrayon Veterinary Bacteriological Laboratory, Moldavian SSR

Submitted :

ZELENENKO, G. S.

ZELENENKO, G. S. -- "Rawhides Infected with Malignant Anthrax as a Source  
for the Distribution of Malignant Anthrax by Rats and House Mice."  
Min Higher Education USSR. Leningrad, 1956. (Dissertation for the  
Degree of Candidate in Veterinary Sciences).

So.: Knizhnaya Litopis', No. 7, 1956.



ZELENENKO, G.S., kand. veter. nauk; SININA, V., red.; MILYAN, N.,  
tekhn. red.

[Extirmination of murine rodents in dairy barns] Unichtozhenie  
myshevidnykh gryzunov v zhivotnovodcheskikh pomeshcheniakh.  
Kishinev, Kartia Moldoveniaske, 1961. 33 p. (MIRA 15:7)  
(Moldavia--Rodent control)

ACCESSION NR: AP4037445

S/0021/64/000/005/0607/0609

AUTHOR: Polishchuk, Yu. N.; Korniyenko, T. P.; Zelenchukova, T. G.; Polyakov, M. V.

TITLE: Effect of a solid surface [of additives in suspension] on the radiation-induced polymerization of vinyl compounds

SOURCE: AN UkrRSR. Dopovidi, no. 5, 1964, 607-609

TOPIC TAGS: vinyl, vinyl polymer, vinyl polymerization, radiation-induced polymerization, ionizing radiation, radiation effect, styrene polymerization, gamma-radiation, cobalt-60 source, gamma-ray-induced polymerization, free-radical polymerization, silica gel,  $MgO_2ZnO$

ABSTRACT: The effect of suspended solid additives on gamma-radiation-induced polymerization of styrene was investigated at room temperature. A  $Co^{60}$  source with 1600 g-equivalent activity was used. The data showed that in the case of free-radical polymerization of styrene, the very same additives were active that, according to the literature, increase the rate of radiation-induced poly-

Card 1/2

ACCESSION NR: AP4037445

merization. It was shown that such additives as ZnO, MgO, silica gel and some others considerably enhance the rate of styrene polymerization. A heterogeneous mechanism was proposed to explain the observed results. Orig. art. has 3 tables.

ASSOCIATION: Instytut fizy\*chnoy khimiy (Institute of Physical Chemistry)

SUBMITTED: 19Jul63

DATE ACQ: 03Jun64

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 002

Card 2/2

ZELENetskaya, A. A.; NIKITINA, N. N.

Determination of chlorides by potentiometric titration. Trudy  
VNIISNDV no.6:93-95 '63. (MIRA 17:4)

POLYAKOVA, S.G.; ZELENETSKAYA, A.A.

Determination of chlorine in the products of polycondensation of  
potassium salts of  $\omega$ -chlorocarboxylic acids. Trudy VNIIONDV  
no.6:95-98 '63. (MIRA 17:4)

ZELENETSKAYA, A.A.; PETROVA, L.N.

Quantitative determination of chlorine in tetrachloroalkanes.

Trudy VNIISNDV no.5:77-81 '61.

(MIRA 14:10)

(Paraffins)

(Chlorine--Analysis)

ZELENETSKAYA, I.S.; TSAAREGRADSKIY, V.A.

Blending diesel oils of different origin, and the technology  
of their preparation. Khim.i tekhn.topl.i masel 5 no.4:  
43-45 Ap '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodoro-  
zhnogo transporta.  
(Diesel fuels)

ZELENETSKAYA, I.S.; SARYCHEV, Ye.I.

Effect of the concentration of the antifoam additive PMS-200A  
in the oil M12V on the operation of the oil system of the  
2D100 diesel. Khim. i tekhn. topl. i masel 8 no. 4:62-63  
Ap '63. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya.  
(Diesel fuels—Additives)



S/001/62/000/008/041/057  
B156/B101

AUTHOR: Zelenetskaya, I. S.

TITLE: Test use of sulfurous-petroleum oils with additives in diesel locomotive engines

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 8, 1962, 483, abstract  
8M208 (Sb. "Prisadki k maslam i toplivam". M.,  
Gostoptekhnizdat, 1961, 333-339)

TEXT: The ДС-11 (DS-11) and ДС-13 (DS-13) oils, produced from sulfurous petroleums with the additives given below, were tested, under service conditions, in Д50 (D50) and 2Д100 (2D100) diesel locomotive engines running on fuels containing 0.1-0.7% S (the D50 engine) and 1% S (the 2D100 engine). As a result of the tests, the DS-11 oil with 3% of Циатим-339 (Tsiatim-339) additive is recommended for the D50 engine when the fuel contains  $\leq 0.7\%$  S. The DS-11 oil with 8% of Внии НП-360 (Vnii np-360) additive is recommended for the 2D100 engine when using fuel containing  $\leq 1\%$  S. The oils containing 5% of Tsiatim-339 additive, and oil containing 3% of Азнии-7 (Aznii-7) additive, did not provide normal

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S/081/62/000/008/041/057  
B156/B101

Test use of sulfurous-petroleum ...

running when used in 2D100 engines with fuel containing 0.8-1% S, owing to increased carbon deposit and wear. [Abstracter's note: Complete translation.]

Card 2/2

S/262/62/000/010/016/024  
1007/1207

AUTHOR: Zelenetskaya, I. S.

TITLE: Experience in the use of additives to sulfur-containing oils for diesel-locomotive engines

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no. 10, 1962, 68, abstract 42.10.385. In collection "Prisadki k maslam", Moscow, Gostoptekhizdat, 1961, 333-339

TEXT: On the basis of tests the ДС-11 (DS-11) lube oil with a 8% of внии-нп-360 (vnii-np-360) additives mixed with a diesel fuel containing 1% of sulfur may be used for 2Д 100 (2D 100) diesel locomotive engines. цнатм (tsiatim-339) and азний-7 (aznii-7) additives to sulfur-containing (0.8 to 1.0% S) fuel oils do not ensure normal operation of the engine, since they increase coking and seizing of the oil-control piston rings. The engine wear resulting from the use of these additives is also rgeater than in the case of standard additives. The necessity for widening the research for improvement of additives to sulfur-containing fuel oils is stressed, as such additives would ensure longer service life of the oils and hence proper operating conditions of the engine.

[Abstracter's note: Complete translation.]

Card 1/1

YEGUNOV, P.M., kand. tekhn. nauk; ZELENETSKAYA, I.S., kand. tekhn.;  
NASYROV, R.A., kand. tekhn. nauk; SEMISAZHENOVA, A.A., kand.  
tekhn. nauk; ZAKHAROV, S.M., inzh.

Effect of the lubricant viscosity on the basic characteristics  
of the performance of 2D100 diesel locomotives. Vest. TSNII MPS  
23 no.8:26-30 '64 (MIRA 18:2)

FUFRIYANSKIY, N.A., prof., doktor tekhn.nauk; ZELENETSKAYA, I.S., kand.tekhn.  
nauk; VOLODIN, A.I., kand.tekhn.nauk; SEVAST'YANOV, S.I., kand.tekhn.nauk

Quality of fuel and oil for locomotive diesels. Zhel.dor.transp. 46  
no.11:40-43 N '64. (MIRA 18:1)

ZELENETSKAYA, I.S., kand. tekhn. nauk; ABRAMOV, V.V., inzh.

Use of fuels and oils from new deposits in the D50 diesel  
engines. Energomashinostroenie 10 no.7:31-34 J1 '64.

(MIRA 17:9)

ZELENITSKAYA, I.S., kand.tekhn.nauk

Selecting the oil for diesel locomotive engines. Vest. TSNII  
MPS 20 no.7:24-28 '61. (MIRA 14:12)  
(Diesel engines---Lubrication)

BUDZKO, Igor' Aleksandrovich; BODIN, Aleksandr Platonovich; ZUL', Nikolay Mikhaylovich; POYARKOV, Kirill Mikhaylovich; YAKOBS, Aleksey Ivanovich; ZELENETSKAYA, L.V., red.; SAYTANIDI, L.D., tekhn. red.

[Calculation of rural electric power distribution networks with voltage regulation] Raschet sel'skikh elektricheskikh setei s regulirovaniem napriazheniia. [By] I.A. Budzko i dr. Moskva, MSKh RSFSR, 1963. 108 p. (MIRA 16:10)  
(Electric power distribution)



SMELKOV, Fedor Fedorovich; ZELENITSKAYA, L.V., red.; SAYTANIDI, L.D.,  
tekhn.red.

[Very simple method for the preparation of antibiotics]  
Prosteishii sposob prigotovleniia antibiotika. Moskva, Izd-vo  
M-va sel'.khoz.RSFSR, 1960. 14 p.

(MIRA 13:11)

(ANTIBIOTICS)

(FEEDING--EQUIPMENT AND SUPPLIES)

PIATEPSKIY, B.G.; ZELENETSKAYA, L.V., red.; LEVINA, L.G., tekhn.red.

[Extending the use of lathes] Rasshirenie oblasti ispol'zovaniia  
tokarnykh stankov. Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1960.  
43 p. (MIRA 13:9)

(Lathes)

PYATETSKIY, Boris Grigor'yevich; ZELENETSKAYA, L.V., red.;  
SHESHNEVA, E.A., tekhn. red.

[Manual for the lathe operator in a repair shop]  
Spravochnik tokaria remontnoi masterskoi. 2. izd., perer.  
i dop. Moskva, Izd-vo MSKh RSFSR, 1963. 247 p.

(MIRA 16:11)

(Turning)

PYATETSKIY, Boris Grigor'yevich; ZELENETSKAYA, L.V., red.

[Handbook for the fitter in repair shops] Spravochnik slesaria remontnykh masterskikh. Moskva, Rossel'khozizdat, 1964. 287 p. (MIRA 18:2)

KOSTYUKEVICH, N.I., inzh.; TELIN, P.P., inzh.; PETROV, A.V., inzh.;  
SHATOV, B.M., red.; ZELENETSKAYA, L.V., red.; YERSHOVA, T.S.,  
tekhn.red.

[Reference manual for the new agricultural machinery] Katalog-  
spravochnik po novoi sel'skokhoziaistvennoi tekhnike. Moskva,  
Izd-vo M-va sel'. khoz.RSFSR, 1959. 98 p. (MIRA 13:6)

1. Russia (1917- R.S.F.S.R.) Glavnaya inspektsiya po mekhanizatsii sel'skogo khozyaystva.  
(Agricultural machinery)

IVANOV, Nikolay Yakovlevich; LEBEDOV, Sergey Sergeyevich; FILIPPOV,  
Aleksandr Il'ich; ZELENETSKAYA, L.V., red.; LEVINA, L.G.,  
tekhn. red.

[Methods and means for pulse crop harvesting] Sposoby i sred-  
stva uborki zernobobovykh kul'tur. Moskva, Izd-vo M-va sel'-  
khoz. RSFSR, 1961. 66 p. (MIRA 15:10)  
(Legumes--Harvesting)

SINYAGIN, Irakliy Ivanovich, akademik; ZELENETSKAYA, L.V., red.;  
SAYTANIDI, L.D., tekhn. red.

[Theoretical errors of V.R.Vil'iams and the overcoming of  
the aftereffects of the introduction of grassland farming]  
O teoreticheskikh oshibkakh V.R.Vil'iamsa i preodolenii  
posledstviy vnedreniya travopol'noi sistemy zemledeliia;  
stenogramma lektsii. Moskva, Izd-vo M-va sel'.khoz.RSFSR,  
1962. 21 p. (MIRA 15:10)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.  
V.I.Lenina (for Sinyagin).

(Agriculture)

NALIVAYKO, Georgiy Antonovich, Geroy Sotsialisticheskogo Truda;  
ZELENETSKAYA, L.V., red.; SAYTANIDI, L.D., tekhn. red.

[Row crop rotations] O propashnoi sisteme zemledeliia. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1962. 111 p.  
(MIRA 15:3)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta  
sel'skogo khozyaystva (for Nalivayko).  
(Rotation of crops)



SHUMAKOV, B.A., zasl. deyatel' nauki i tekhniki RSFSR, prof.;  
ZELENETSKAYA, L.V., red.; SAYTANIDI, L.D., tekhn. red.

[Irrigation farming] Orosshaemoe zemledelie. Moskva, Izd-vo  
M-va sel'.khoz.RSFSR, 1962. 191 p. (MIRA 15:10)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokho-  
zyaystvennykh nauk im. V.I.Lenina (for Shumakov).  
(Irrigation farming)

FOMIN, A.P.; OVCHINNIKOV, F.M.; KOROVIN, M.A.; MAKURIN, N.D.; KOMAROVA, T.A.; SMIRNOVA, V.A.; ZELENETSKAYA, L.V., red.; SAYTANIDI, L.D., tekhn. red.

[Wages on state farms and other state agricultural enterprises; basic regulations and instructions on wages] Oplata truda v sovkhozakh i drugih gosudarstvennykh predpriyatiyakh; sbornik osnovnykh polozhenii i ukazanii po oplate truda. Moskva, Izd-vo MSKh RSFSR, 1962. 483 p. (MIRA 16:2)

1. Rossiia (1917- R.S.F.S.R.) Upravleniye organizatsii truda i zarabotnoy platy. 2. Upravleniye organizatsii truda i zarabotnoy platy Ministerstva proizvodstva i zagotovki sel'skokhozyaystvennykh produktov RSFSR (for all except Zelenetskaya, Saytanidi).

(Agricultural wages)

KOMAROVA, Mariya Kuz'minichna; NEDOVESOV, Viktor Ivanovich;  
ZELENITSKAYA, L.V., red.

[Controlling the loss of headed grain] Bor'ba s poteriami  
zernovykh kolosovykh. Moskva, Rossel'khozizdat, 1965.  
83 p. (MIRA 18:9)

DOROSINSKIY, Leonid Mironovich, kand. biol. nauk; ZELENETSKAYA,  
L.V., red.

[Bacterial fertilizers as additional means for obtaining  
higher yields] Bakterial'nye udobreniia - dopolnitel'noe  
sredstvo povysheniia urozhaia. Moskva, Rossel'khozizdat,  
1965. 170 p. (MIRA 18:7)

BODIN, Aleksandr Platonovich; KHAVICH, Yefim Abramovich;  
ZELENETSKAYA, L.V., red.

[Organization of the construction and operation of  
electrical systems on collective and state farms] Orga-  
nizatsiia montazha i ekspluatatsii elektroustanovok v  
kolkhozakh i sovkhozakh. Moskva, Rossel'khozizdat, 1965.  
238 p. (MIRA 18:7)

ZELENETSKAYA, L.V., red.; BORODKINA, L.A., red.

[Manual on carrying out soil analyses and making agro-chemical cartograms] Posobie po provedeniiu analizov pochv i sostavleniiu agrokhimicheskikh kartogramm. Moskva, Ros-sel'khozizdat, 1965. 331 p. (MIRA 18:4)

VAVILIN, L.N.; ZELENETSKIY, D.S.

Using a frequency-selective channel in an airborne magnetometer.  
Razved. i okh. nedr 31 no.2:25-29 F '65.

(MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut razvedochnoy  
geofiziki.

ZELENETSKIY, S. D.

"Theoretical and Experimental Investigation of the Operation of Rotary Pneumatic Engines." Cand Tech Sci, Leningrad Mining Inst, Leningrad, 1954. (RZhMekh, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)



OZERETSKOVSKAYA, N.Ye., doktor med. nauk; ANANEKO, A.A., kand.med.nauk;  
GRESHKOVICH, V.I., vrach; ZELENETSKAYA, S.S., kand.med.nauk

Significance of some biochemical indices in the evaluation  
of the nature of the course of rheumatic disease and its  
activity. Vop.okh.mat. i det. 8 no.2:17-22 1963. (MIRA 16:7)

1. Iz biokhimicheskoy laboratorii i revmaticheskoy kliniki  
Nauchno- issledovatel'skogo pediatricheskogo instituta (dir.  
kand.med. nauk V.P.Spirina) Ministerstva zdravookhraneniya  
RSFSR, Moskva.

(RHEUMATIC HEART DISEASE)  
(BLOOD—ANALYSIS AND CHEMISTRY)

ZELENETSKIY, Sergey Borisovich, kand. tekhn. nauk; SIMKIN, Yevl' Leybovich, inzh.; SUKHOV, I.V., inzh., red.; FREGER, D.P., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Rotary pneumatic motors; design and construction] Rotatsionnye pnevmaticheskie dvigateli - raschet i konstruirovaniye; steno-gramma lektsii, pročitannykh na seminare. Leningrad, 1961. 65 p.  
(MIRA 15:5)

(Machine tools--Pneumatic driving)

COUNTRY	:USSR	T
CATEGORY	:Human and Animal Physiology, Blood	
ABS. JOUR.	: RZhBiol., No. 5 1959, No. 21954	
AUTHOR	:Zelenets'kiy, V.S.	
INST.	:	
TITLE	:The Change in the Phagocytic Activity of the Leukocytes of Children showing Deficient Growth after Transfusions of Different Amounts of Blood.	
ORIG. PUB.	:Pediatriya, akusherstvo i ginekol., 1957, No. 6, 41--44	
ABSTRACT	: The alteration in the phagocytic activity of leukocytes was studied in 118 children with growth deficiencies of varying severity. The phagocytic activity was determined by Heddleson's method as modified by Serebrovskiy and Apostolov. Following the transfusion of blood, especially repeated transfusions, phagocytic activity increased by 1½ to 2 times, and in some cases by 3 to 4 times the initial level. The greatest rise in phagocytic activity was detected in children of less than 1 year of age, and when 5 and 10 ml of blood was given per kg of body weight. Leukocyte phagocytic	
Card:	1/2	

T-35

ZELENETSKI, V. S.

Instructions for calculating the effectiveness of anti-smut measures. Leningrad  
1933. 7 p. (Vsesoiuznoe gosudarstvennoe ob'edinenie po bor'be s vrediteliami i  
bolezniami v sel'skom i lesnom khoziaistvo. Upravlenie sluzhby ucheta. Instruktsii  
dlia brigadirov khoziaistv i rabotnikov MIS)

ZELENETSKIY, V.Ye. [Zelenets'kiy, V.IE.], assistant

Changes in the phagocytic activity of leukocytes following the transfusion of different doses of blood to children with hypotrophic symptoms. Ped., akush. i gin. 19 no.6:41-44 '57. (MIRA 13:1)

1. Klinika detskikh boleznet (zav. - prof. R.Yu. Kol'ner) lechebnogo fakul'teta Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im. akad. A.A. Bogomol'tsa (dir. - dots. I.P. Alekseyenko) i TSentral'naya dorozhnaya bol'nitsa Yugo-Zapadnoy zheleznoy dorogi (nachal'nik - Z.Z. Bokhanovich).  
(PHAGOCYTOSIS) (BLOOD--TRANSFUSION)

ZELENETSKIY, V. Ye, Cand Med Sci -- (diss) "Optimum Doses of Blood  
Recommended For Transfusion to children with Hypotrophic Phenomena,"  
Kiev, 1960, 13 pp, 300 copies (Kiev Medical Institute im Acad. A. A.  
Bogo,lets) (KL, 47/60, 106)

**ZELENETSKIY, V.Ye.**

Optimal doses in blood transfusions to children with symptoms of  
hypotrophy. *Pediatrics* 37 no.9:89-90 S '59. (MIRA 13:2)

1. Iz kliniki detskikh bolezney lechebnogo fakul'teta Kiyevskogo  
meditsinskogo instituta imeni A.A. Bogomol'tsa.  
(BLOOD---TRANSFUSION)

38218. ZELENEV, A. A.

Osnovnyye voprosy teorii ventilyatora silosorezki. Sel'khoz mashina,  
1949, No 12, s. 6-9



28 (4)

AUTHORS:

Garber, Yu. N., Zelenevskaya, S. I.

S/032/60/026/01/043/052  
B010/B009

TITLE:

Production of Low Temperatures in the Heads of Laboratory Rectifying Columns

PERIODICAL:

Zavodskaya laboratoriya, 1960, Vol 26, Nr 1, p 116 (USSR)

ABSTRACT:

At the present institute a special assembly (Figure) for the production of low temperatures in the heads, i.e. the condensers, of rectifying columns has been designed. Liquid nitrogen is conducted from a Dewar vessel into a vaporizer. The latter is a bulb reflux condenser where the nitrogen vaporizes in the bulbs. The cooling mantle contains a calcium chloride solution, which is thus cooled and in turn cools the reflux condenser of the column and the outlet pipe (of the rectifying column) for the condensate. The calcium chloride solution is kept circulating by means of a circulation pump in the calcium chloride container. An M-72 motorcycle pump may be used (with slight modifications). The assembly described can produce temperatures down to  $-30^{\circ}$ . There is 1 figure. ✓

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Production of Low Temperatures in the Heads of  
Laboratory Rectifying Columns

S/032/60/026/01/043/052  
B010/B009

ASSOCIATION: Dnepropetrovskiy metallurgicheskiy institut (Dnepropetrovsk  
Metallurgical Institute)

Card 2/2

ZELENETSKAYA, S. S. Doc Cand Med Sci -- (diss) " Diagnosis<sup>ties</sup> of  
~~effected~~ and atypical ~~types~~<sup>forms</sup> of scarlet fever." Mos, 1957.

15 pp 20 cm. (Min of Health USSR, Central Inst for the Impro-  
~~vement of Profession of Medical Doctors~~<sup>ment of Physicians</sup>), 200 copies

(KL, 21-57, 106)

-106-

BASKANCHILADZE, G.Sh.; YAROSLAVSKAYA, M.M.; ZELENETSKAYA, S.S.

Use of a new form of tetracycline suspension in the treatment  
of scarlet fever. Antibiotiki 4 no.3:100-103 My-Je '59.

(MIRA 12:9)

1. Kafedra mikrobiologii (zav. - chlen-korrespondent AMN  
SSSR prof.Z.V.Yermol'yeva) i kafedra pediatrii (zav. - prof.  
M.Ye.Sukhareva) Tsentral'nogo instituta usovershenstvovaniya  
vrachey.

(TETRACYCLINE, ther. use,  
scarlet fever, suspension (Rus))  
(SCARLET FEVER, ther.  
tetracycline suspension (Rus))